

## **Jack Fitz Data Summary**

### **Cruise 6/17/2010**

Review Date 6/18/2010

#### **Summary:**

This sampling report presents data collected from the Jack Fitz for the period of 6/17/2010. The sampling strategy for the day was to investigate three separate stations (Station 5, Station 6, and Station 7) to the north and to the west of the well head.

Station 5 (28 45.710N, 88 21.886W) was located 2.5 km north of the well head (5°). The vessel reported that the ROV was deployed at this location. Bottom layer samples were collected at 4711ft. and 4726ft. below surface. The Jack Fitz Daily Summary Report (214) stated that ENTRIX and NOAA collected "full samples" at both depths; no specific sample methods were included. Other observations stated during sampling at Station 5 included sonar returns showing large thick oil droplets between 400-800ft., and no sonar returns from the 2800-3200ft. depth range. A breakdown in the vessel's DP system prevented a planned shallow sampling event at 850ft. No CTD deployment or data on the cast was reported.

Station 6 (28 44.623 88 23.818) was located 3 km west of the well head (280°). The vessel reported that only the CTD was deployed at this location. The CTD was deployed on two casts: one shallow (850ft) with LISST and C3 fluorometer, one deeper (1900ft) with C3 fluorometer. No data on either cast was reported. The Jack Fitz reported that ENTRIX ran microtox tests between 17:30 and 18:30 while the vessel was located at Station 6.

Station 7 (28 45.442 88 22.189) was located 2 km north of the well head (351°). The vessel reported that only the the CTD was cast at this location. It was cast to 850ft. with two fluorometers, the LISST, and the holocam. No data on the cast was reported.